

PRODUCTION OF ALPHA-OLEFIN OLIGOMER

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Abstract of JP8245431

PURPOSE: To effectively remove a catalytic component from a reaction liquid in a process for producing an α -olefin oligomer, to obtain an α -olefin oligomer having improved purity and to reduce the load on a process after the removal of the catalyst. **CONSTITUTION:** An α -olefin oligomer is produced by using a chromium-based catalyst composed of a combination of at least (a) a chromium compound, (b) one or more kinds of compounds selected from amines, amides and imides and (c) an alkylaluminum compound, carrying out the oligomerization of an α -olefin in a reaction solvent in the presence of the catalyst, oxidizing the reaction liquid containing the catalytic component with an oxidizing gas and removing the precipitated catalytic component.

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